2007 Portable Cooling Collection

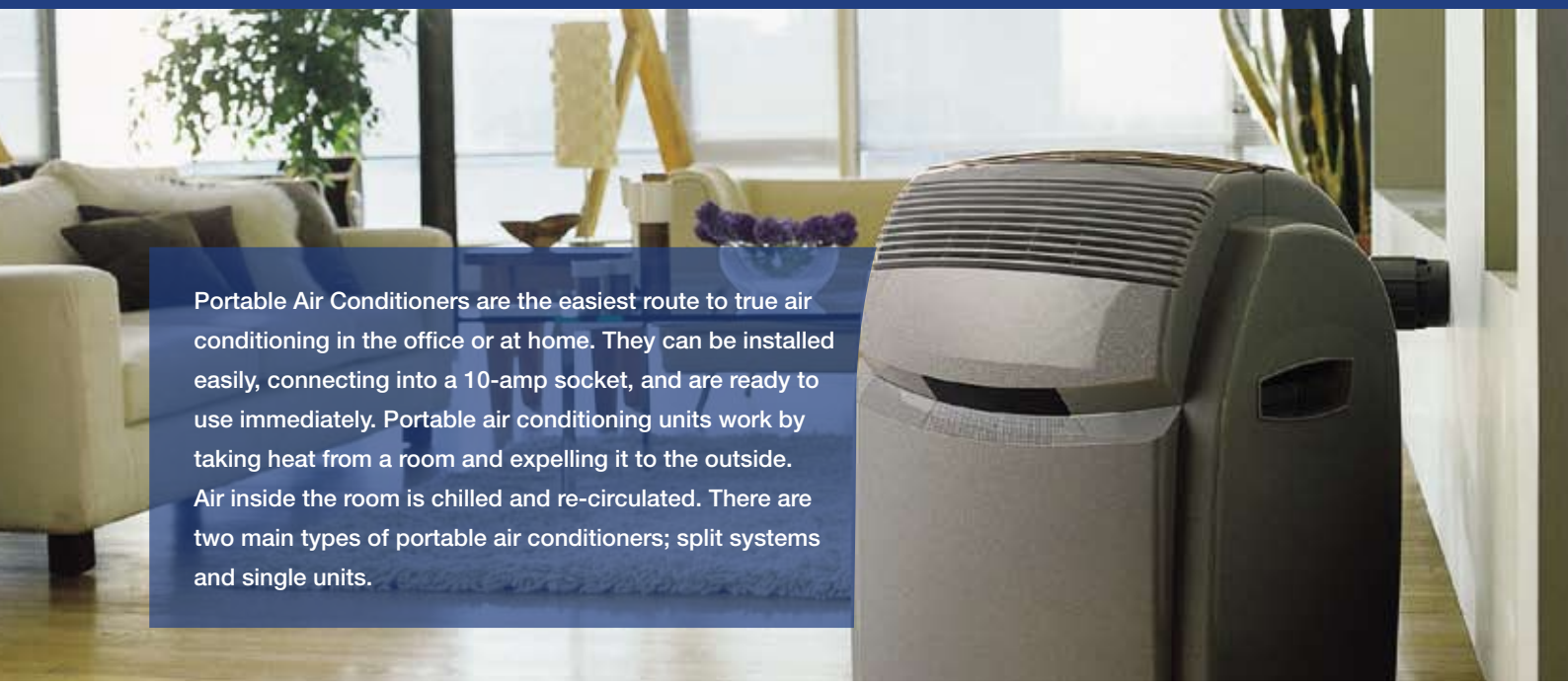
DēLonghi

Who can resist a good looking Italian?

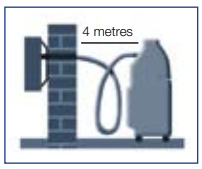
De’Longhi Portable Air Conditioning

De’Longhi, the world’s number one in portable air conditioning, continues to lead the way in innovative energy efficiency.

Italy has always been regarded as a world leader in design, and De’Longhi’s Italian heritage is an enormous influence in new product development and refinement. Marry this with over 60 years of research and development and it is of little surprise that De’Longhi is World No. 1 in portable air conditioning appliances, along with many other appliance categories.



Portable Air Conditioners are the easiest route to true air conditioning in the office or at home. They can be installed easily, connecting into a 10-amp socket, and are ready to use immediately. Portable air conditioning units work by taking heat from a room and expelling it to the outside. Air inside the room is chilled and re-circulated. There are two main types of portable air conditioners; split systems and single units.

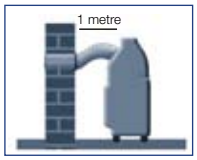


Split System Units

Split Systems are generally chosen for their aesthetics and low noise levels in the room. They are easily recognised by the separate (condenser) units that are placed outside.

The separate external (condenser) unit is connected to the main inside unit by means of refrigerant lines. These lines can be disconnected so they can be passed through a hole in the wall, about the size of half a brick, before reconnecting. The external unit can be placed either on the ground outside, on a window sill or balcony, hooked on straps over the edge of a window frame, or attached to the outside wall.

Quick Connect high wall split system units are ideal where space is a premium or property restrictions limit installation. Easy and fast to install, these portable units will control the temperature of a restricted environment and make you feel comfortable and relaxed both summer & winter. The Quick Connect units are just as easy to disconnect and move to another room if required.



Single Units

These are instantly recognised by their exhaust hose(s) that is used to expel the hot and damp air to the outside. Single units can cope with a wide range of standard room requirements.

This is achieved by means of one or two flexible hoses that are attached outside of the room through the window or wall. A window kit and wall socket is provided with the unit. As a temporary instant solution, a flattened adaptor is included so that the hose can be fitted through a partially opened window or door. Extra exhaust sockets can be installed, so that your air conditioner can be moved between rooms.

Effective Cooling

All air conditioning units take moisture from the air. The patented De'Longhi Condensate Recycling System in De'Longhi's portable air conditioners recycles this moisture, which improves cooling efficiency by pumping water from a collection tray over the condenser. This system allows a more efficient operation and means that the machine will operate longer, in very humid conditions, than many of the competitors. With the Condensate Recycling System you never need to empty the water tank, unlike competitor units, especially in the middle of the night when water tanks tend to fill up!

Environmentally Friendly And Economical

Environmentally Friendly

The PAC70ECO uses R290 propane gas. It is totally natural (CFC, HCFC, and HFC free). The refrigerant harmlessly breaks down in the atmosphere in less than a year, compared to other refrigerants which can take up to 33 years to breakdown.

Economical Climate Control

Most single unit air conditioners have a power of under 1.270kW per hour, therefore the approximate cost to run on full power would be 15.2 cents per hour† (PACT105).

A portable split system with an input of 1.140Kw would cost approximately 13.7 cents per hour† to run on full power.

Which air conditioner is right for you?

De'Longhi's innovative focus means all its fans, evaporative coolers and air conditioning appliances are highly energy efficient, good for the environment and incredibly safe to cool rooms as quickly and as comfortably as possible.

There's a De'Longhi portable cooling appliance for every room. Read on to find out which model will be right for you.

Given the varying conditions found please find an approximate guide on models to use in rooms. E.g. south or north facing, number of windows, number of people, equipment being used, curtains, blinds, insulation.

Area	Model
19m²	QC126AU
20m²	NF190
	PACS1200HP
25m²	PACT105
	PAC70ECO
	QC136AU

†Running costs are based on 12 cents per kilo watt per hour.

Understanding the Technology

There is a lot more to air conditioning than just cooling the air. Humidity, energy efficiency, air filtering and purification all need to be taken into consideration - as well as the environment. De'Longhi's experience in dehumidifiers, purifiers, air filters, and peak energy efficiency, ensure that all this technology is found in the De'Longhi range of air conditioners.

'No-Drip' Technology

De'Longhi's patented Condensate Recycling System is a major feature of the PAC70ECO, PACT105 and NF190 models.

When air is cooled, water is extracted and normally this water goes into a tank within the air conditioning unit. When this water tank is full it turns off the unit and waits to be emptied. There is no requirement to empty the water tank with the Condensate Recycling System. The system uses the water from the tank and pumps it over the condensing coils, cooling the coils much faster than by air alone. Faster cooling gives greater performance and efficiency, meaning greater cooling and lower operating costs - with the added benefits that you'll never need to empty the tank and the unit does not turn off when you need it most!

Window Kit

All of De'Longhi's single units come with a window kit to allow you to vent the hot air efficiently outside your room.

These window kits are adjustable and suit most sliding windows. They also allow you to make your home safe and secure while using your air conditioner.

Supercool

A further development on the Condensate Recycling System is 'Supercool'. This is a unique innovation in portable air conditioning found in the PAC70ECO. This unit has 'No-Drip' technology and also uses water from an additional tank to further enhance the efficiency and performance. The cooling output is 20% to 30% higher than traditional air-cooled systems. Plus, the power consumption is 10% to 20% lower. At the touch of a button the PAC70ECO's electronic thermostat activates the Turbo function, increasing the fan speed of the unit and delivering maximum cooling. This means the desired comfort conditions are reached in the shortest possible time.

Digital Technology

The perfect temperature can be maintained due to the extremely accurate digital sensor. With 'Auto Fan', electronics monitor the room temperature and automatically ensure the optimum fan speed to maintain the ideal room temperature. The 'Auto Diagnosis' system ensures constant peak performance.

Automated Timer

Your home should be your oasis, so De'Longhi have integrated timers to all of their units. This enables the unit to switch on while you are out, making your home cool and comfortable for when you get home.

Remote Control

Remote control technology comes with all of the air conditioning models, allowing you to adjust the temperature from anywhere in the room.

Cools and Cleans

The top of the line 3M FILTRETE™ filter system means the PAC70ECO De'Longhi air conditioning unit can stop even the tinniest dust particles (as small as 0.3 microns, 50 times smaller than a human hair), therefore improving the air quality of the room. Not only do you get an air conditioner, you get an air purifier as well.

Low Noise Levels

De'Longhi units deliver the lowest noise level in their class, due to good insulation properties. This becomes important if you have the portable unit in your bedroom overnight, as it means you'll sleep soundly through the night.

Additional Hose Option

The PACT105 unit can use an additional air hose along with a window bracket accessory (part #PACWINKIT).

With the optional second hose the air is taken from the outside increasing the efficiency of the unit.

A single hose system takes air from inside the room, and uses this air to remove the heat from the room. This air is then replaced from outside of the room, warming the room slightly.

Instead of taking air from the room you are trying to cool, the unit draws air from outside the room, and uses this air to remove the heat from the room, expelling it outside. So all of the cooling capacity is used to cool the room, not cool new warm air as with the single hose unit.

Accessories are available for purchase on www.delonghi.com.au or via a De'Longhi portable air conditioner stockist

Quick Connect Portable Air Conditioners

Ultra Quick connections offer extreme versatility by allowing quick and easy placement to provide cooling where it is needed most.

The De'Longhi system of connections have a flexible 'casing' (hose) that can easily be passed through a wall or a window and connected or reconnected to the unit.

This system makes Quick Connect split system units both quick and easy to install at your home and easy to move to another location for cooling where you need it most.

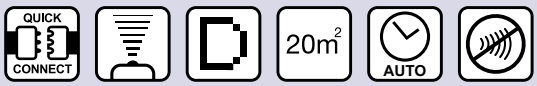
Double Condenser

Removing heat from the room to be cooled is key to a more comfortable living environment. The more heat removed, the cooler your room will be. Removing the heat is the job of the condenser. All air conditioners have a condenser, but some De'Longhi single portable air conditioner units have two, (PAC70ECO and PACT105), which supercharges the cooling process. The first condenser is cooled with water, and during this process water vapour is released, which in turn cools the second condenser, resulting in even more hot air being expelled outside.

Quick Connect Portable Split Reverse Cycle Air Conditioners

Quick Connect portable split air conditioners use the internal unit to recycle the air in the room and pass the heat to the external unit containing the compressor. This means the split systems can be near silent while working. Split systems are low on energy consumption and are designed to work in larger rooms continuously. Quick Connect split system units can be installed at your home easily and quickly, although De'Longhi recommends that you use professional installers.

PACS1200HP Portable Split Reverse Cycle Air Conditioner



The PACS1200HP is De'Longhi's first compact split reverse cycle portable air conditioner, letting you have both quiet cool summer nights and quiet warm winter nights.

- Easy and fast to install - ultra-quick connections for a quick and easy disconnection of the unit*
- Easily moved to another location, including other rooms around the house or even to another building, such as a holiday home or beach house.
- 'Auto' function: the unit feels the temperature in the room and automatically chooses the best operation mode of the air conditioner
- Fan only function for air recirculation and purification
- LCD infrared remote control
- Electronic timer
- Easy to move, thanks to the outdoor unit castors and indoor unit extractable handle
- Includes internal unit wall brackets. Outdoor brackets are optional
- 5 year warranty

QC136AU and QC126AU High Wall Reverse Cycle Quick Connect Units

These high wall quick connect units are ideal where space is a premium or property restrictions limit installation. The high wall quick connect units will make you feel comfortable and relaxed in both summer and winter with high efficiency in a unique style.

- Cooling capacity: QC136AU 12,000 Btu/h
  QC126AU 9,000 Btu/h
- Easy and fast to install - ultra-quick connections for a quick and easy disconnection of the unit*
- Easily moved to another location, including other rooms around the house or even to another building, such as a holiday home or beach house.
- Quick coupling with flexible 4 meter pre-charged pipe connection system
- Wall mounted ultra-thin units (15cm depth) have the best mix of technology and art
- 4 function mode: cooling, heating, de-humidifying and fan only
- Active carbon filters
- Sleep function: the computer directs the air-conditioner during the night to maintain the correct temperature and guarantee the quietest operation
- LCD infrared remote control
- Electronic timer
- 5 year warranty

Features
Quick Connect

*Please refer to instruction booklet for installation instructions.

Portable Air Conditioners

PAC70ECO with Supercool

Eco environmentally friendly and extremely efficient!

- SUPERCOOL: Combining Supercool with the Turbo gives the PAC70ECO up to 12000 Btu/h of cooling power by using the water from the tank.
- Exclusive De'Longhi Patented Condensate Recycling System
- Window kit supplied

- If there is no water left, the unit will automatically switch to operating on air
- Auto Fan function: the appliance registers the room temperature and automatically ensures the optimum speed ventilation
- Sleep function: the computer directs the unit during the night to maintain the correct temperature and guarantee the quietest operation
- Fan only function to improve air quality in the room
- IR remote control
- Electronic timer and room thermostat
- Auto diagnosis system
- 3-speed ventilation + SILENT
- Exclusive air cleaning system (FILTRETE™ by 3M)

Environmentally Friendly

The PAC70ECO is De'Longhi's most environmentally friendly air conditioning unit. It uses R290 propane gas, which is totally natural (CFC, HCFC and HFC free). The refrigerant is broken down harmlessly in the atmosphere in less than a year, compared to other refrigerants which can take up to 33 years to breakdown.

Featuring a Filtrete™ Filter 3M

Air Cleaning System

Air Cleaning System (Filtrete™ of 3M) improves air quality by filtering particles down to 0.3 microns, reducing the presence of damaging elements such as dust, pollen, smoke particles and dust mites.

TURBO POWER

Turbo Function

An electronic device activates the 'Turbo Function' to create the most comfortable conditions in the shortest possible time

Easy to use

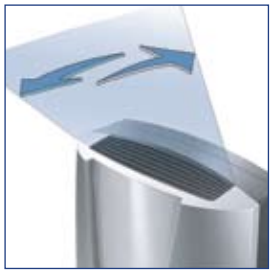
The computer monitors the room temperature and decides how the unit has to operate to maintain the ideal room temperature.

PACT105 with Condensate Recycling System

Stylish design with no installation required

- Exclusive De'Longhi patented Condensate Recycling System
- Window kit supplied

- BOOST function: the maximum cooling power (12000 BTU/h) to freeze your summer
- Auto Fan function: the appliance registers the room temperature and automatically ensures the best fan speed
- 2-speed ventilation + QUIET mode to ensure the most noiseless operation
- Separate dehumidification function^
- Fan only function
- IR remote control
- Electronic timer
- Electronic humidistat to set the desired relative humidity in dehumidifying function
- FILTRETE™ by 3M to effectively purify the air



Swing Function

The 'Swing Function' allows the best distribution of comfort, spreading the cool air in the room to be conditioned.

New Design

With a fresh, upgraded design, the PACT105 guarantees the maximum in terms of comfort, energy saving and caring for the environment, thanks to its efficiency, silent operation and low power consumption.
It refreshes, dehumidifies, purifies the air, and furnishes the home.

Easy to Use

The intelligent electronic control makes the use of the PACT105 simple and efficient. Small and practical remote control.

^Exhaust hose must be connected to outside to use dehumidification function

Portable Air Conditioners

NF190 with Condensate Recycling System

Ready to use, no installation required.

- Exclusive De'Longhi patented Condensate Recycling System
- Window kit supplied

- Cooling capacity: 10,000 Btu/h
- Separate dehumidification function^
- Recommended for rooms up to 20m²
- Electronic controls with microprocessor
- Remote control
- Digital timer and thermostat

Electronic Control Panel

The NF190 is the perfect appliance to always have the desired climate anywhere it is needed. It uses the most advanced technology to maximise cooling capacity.

Remote Control

The remote control allows an easy setting of all the functions and parameters of the unit.

^Exhaust hose must be connected to outside to use dehumidification function

Evaporative Cooler

EV100 Evaporative Cooler

- Economical and natural cooling
- Electronic touch controls with remote control
- 3 speed fan
- 7 1/2 hour countdown timer (1/2 hour increments)
- Easy front access to water and ice tank
- Water pump
- Water level indicator
- Ion function
- 2 ice blocks included
- LCD clock and calender
- 7 litre water tank

Remote Control

Remote control allows an easy and immediate control of functions and room temperature.

24 Hour Clock

Displays time and date and enables you to set an alarm.

Cooling Fans

VLT3000

- Completely stainless steel
- 40cm pedestal fan
- Satin base, support, blades and grill
- Base rubber protectors
- 3 fan speeds
- Horizontal oscillation functions
- Adjustable vertical position

VLT1000

- Completely stainless steel
- 35cm table top fan
- Satin base, support, blades and grill
- Base rubber protectors
- 3 fan speeds
- Horizontal oscillation functions
- Adjustable vertical position

VLT2000

- Completely stainless steel
- 40cm table top fan
- Satin base, support, blades and grill
- Base rubber protectors
- 3 fan speeds
- Horizontal oscillation functions
- Adjustable vertical position

Innovative Design

Its shape and design make the VLT series fashionable and good looking fans. The horizontal oscillation function helps a better and homogeneous air flow distribution.

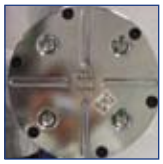


Table Surface Protection

The fan can be placed on any surface thanks to the rubber protectors under its base.

Three Fan Speeds

There are three fan speed selectors on the rear of the fan.

Specifications

	Portable Split		
MODEL	**PACS1200HP**	**QC136AU**	**QC126AU**
Room Size (approx)	20m^2	25m^2	19m^2
Max. Cooling Capacity Btu/h	10,000	12,000	9,000
Max. Cooling Capacity W	2,930	3,520	2,650
Max. Heating	10,500	12,600	10,500
Max. Input Power W	940	1,140	930
Air Flow (max) m3/h	250-350	500	420
Moisture Removal L/h	1.45	1.4	1.2
Refrigerant	R410A	R410A	R410A
Pipe Length (m)	4	4	4
Indoor Noise Level db	35-38	30-37	27-33
Indoor Unit mm (hxwxd)	475x450x255	830x285x189	770x250x180
Outdoor Unit mm (hxwxd)	550x740x345	763x515x258	763x515x258
Indoor Unit kg	10	11	8
Outdoor Unit kg	32	30	30
Fan Speeds	2 speeds	3 speeds	3 speeds
Remote Control	Yes	Yes	Yes
Auto-fan Function	Yes	Yes	Yes
Electronic Timer	Yes	Yes	Yes
Castors	Yes	-	-

	Portable Mono		
MODEL	**PAC70ECO**	**PACT105**	**NF190**
Room Size (approx)	25m²	25m²	20m²
Max. Cooling Capacity Btu/h	12,000	12,000	10,000
Max. Cooling Capacity W	3,520	3,520	2,930
Max. Heating	-	-	-
Max. Input Power W	960	1,270	1,220
Air Flow (max) m3/h	200-370	250-340	260-320
Moisture Removal L/h	1.0	1.25	1.08
Refrigerant	R290	R407C	R407C
Pipe Length (m)	-	-	-
Indoor Noise Level db	45-48	47-50	54-56
Indoor Unit mm (hxwxd)	785x580x435	940x495x410	830x375x440
Outdoor Unit mm (hxwxd)	-	-	-
Indoor Unit kg	43.5	34	35
Outdoor Unit kg	-	-	-
Fan Speeds	4 speeds	3 speeds	3 speeds
Remote Control	Yes	Yes	Yes
Auto-fan Function	Yes	Yes	-
Electronic Timer	Yes	Yes	Yes
Castors	Yes	Yes	Yes

Accessories

The full range of accessories for all De'Longhi products are available from De'Longhi stockists or available to purchase directly from www.delonghi.com.au

Stop Slack: When added to the water Stop Slack helps to prevent lime and calcium build-up, which will otherwise cause the air-conditioner to work below full efficiency. Part No. (STOP SLACK).

Descaling Solution: Removes any residue, lime and calcium build-up. This is required to be used twice per season, once in the middle of the season and again at the end of the season prior to storage. Part No. (DAC DES).

Mounting Brackets: Internal and external mounting brackets are available for the PACS1200HP model.

Second Hose Kit: A second hose kit, including the hose and window bracket, is available for the PACT105 model. Part No. (PACWINKIT).

Replacement Filters: A range of replacement filters for De'Longhi portable air conditioners are available.

Service Support

Buying a De'Longhi appliance is just the start of your Italian affair. De'Longhi appliances will give you years of faithful and reliable enjoyment. Even the very best of appliances requires backup. In the unlikely event of a problem, you will have access to our professional team by calling the following number during normal business hours Australia: 1800 126 659 or email: delonghi@delonghi.com.au

Warranty Information

We have a fully trained comprehensive service network throughout Australia. Products are warranted against faults and manufacture when used in normal domestic use for the period stated below.

Warranty Periods

Single units:	2 years warranty plus 5 year parts warranty on compressor
Split systems:	5 years warranty

We undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault during the warranty period. The warranty excludes damage caused by misuse, neglect, shipping accident, incorrect installation, no fault found with the product or work carried out by anyone other than an authorised De'Longhi Service Representative.

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Who can resist a good looking Italian?

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